

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003565 A3

- (51) International Patent Classification⁷: **G01N 33/68**,
A61K 31/12
- (21) International Application Number:
PCT/EP2003/007006
- (22) International Filing Date: 1 July 2003 (01.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02014542.1 1 July 2002 (01.07.2002) EP
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- (81) Designated States (*national*): CA, US.
- (84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).
- Published:
— with international search report
- (88) Date of publication of the international search report:
14 October 2004
- For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: A SCREENING METHOD AND COMPOUNDS FOR TREATING FRIEDREICH ATAXIA

(57) Abstract: The present invention relates to a method for identifying and/or validating candidate substances for the treatment of Friedreich Ataxia (FRDA). Furthermore, the present invention relates to the use of selenium, Ebselen and Glutathione peroxidase (GPX) mimetics for the preparation of a medicament for the treatment of FRDA. Another aspect of the present invention relates to the use of cells with reduced frataxin expression for identifying and/or validating candidate substances for the treatment of Friedreich Ataxia.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07006

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01N33/68 A61K31/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FRYER M J: "Rationale for clinical trials of selenium as an antioxidant for the treatment of the cardiomyopathy of Friedreich's ataxia." MEDICAL HYPOTHESES, vol. 58, no. 2, February 2002 (2002-02), pages 127-132, XP001095763 ISSN: 0306-9877	8,9
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A	page 318, column 1, paragraphs 2-4	1-7, 10-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

3 December 2003

Date of mailing of the international search report

28/01/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/07006

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	SCHULZ J B ET AL: "Oxidative stress in patients with Friedreich ataxia." NEUROLOGY, vol. 55, no. 11, 12 December 2000 (2000-12-12), pages 1719-1721, XP001095770 ISSN: 0028-3878 abstract ---	21,22
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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/07006

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>JAUSLIN MATTHIAS L ET AL: "A cellular model for Friedreich Ataxia reveals small-molecule glutathione peroxidase mimetics as novel treatment strategy." HUMAN MOLECULAR GENETICS, vol. 11, no. 24, 15 November 2002 (2002-11-15), pages 3055-3063, XP002263677 ISSN: 0964-6906 (ISSN print) the whole document -----</p>	1-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07006

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